



ARV S&T Industry Day



Agenda

- Big Picture State-of-Play
- USMC Force Development
- ARV Vision Primer



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Big Picture

Operating Environment



USMC Roles & Challenges

Fiscal Constraints and Restraints

First to Fight
Globally Competitive
Deterrence Force: JEFO
Naval Reawakening

Readiness vs. Modernization

The block contains images of the US Capitol, military personnel, and various military assets including the 8 RedX, POM-19, and POM-20.

MOC Problem Statement

The Marine Corps is not organized, trained and equipped to meet the demands of a future operating environment characterized by complex terrain, technology proliferation, information warfare, the need to shield and exploit signatures, and an increasingly non-permissive maritime domain.

MOC: Tasks to Change





Larger View of USMC Force Development



1

Integrate Naval Force to Fight At and From the Sea

2

Evolve the MAGTF

3

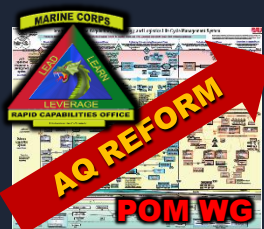
Operate With Resilience in a Contested-Network

4

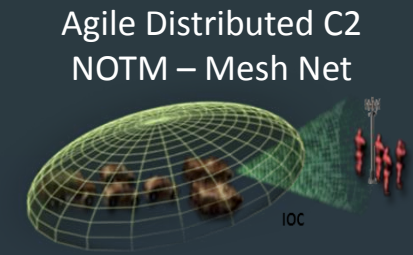
Enhance Maneuver

5

Exploit the Competence of Marine



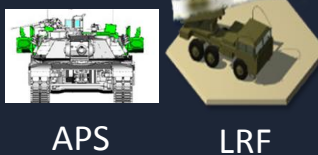
Full-Spectrum IW:
C2, Intel, Cyber, Networks, EW, Space, Deception, Op Sec, Info Management, MISO



Technology Denied Ex

GCTVS

ACV JLTV ARV
AAV SUP/SI
LAV MOD / ATM



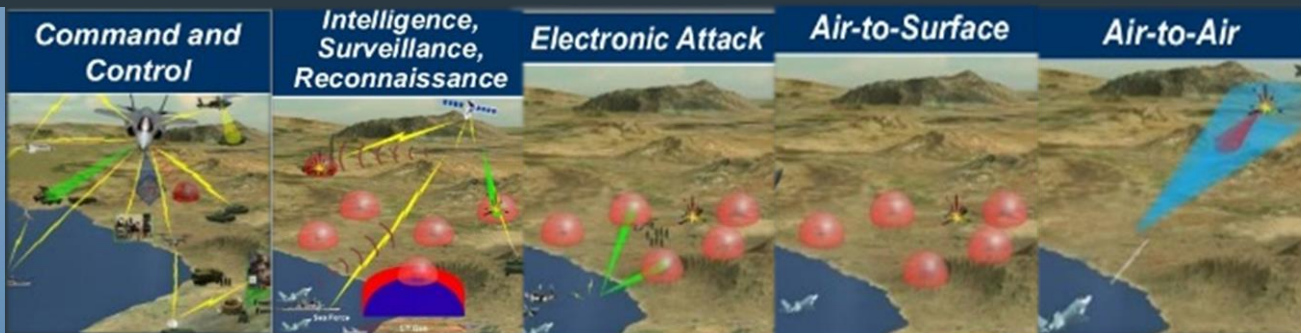
Distributed Ops Logistics/Power



2/6 Decision Room



F35 5th Generation Analogy



C2: Networked, joint, resilient C4I suite

Sensors: Enhance and extend reach (UAS/UGS)

EW: Networked, multi-functional, SIGMAN

Fires: Neutralize threats at range

Active and Passive Protection: Sense, orient, classify, track, defeat

Way Ahead

- FY18 to FY21: 4 Year S&T ... “Now is the time” to open our thinking aperture
- Includes “novel” concepts ... Edwards / Mumme / Leach
- S&T LOOs 1) Advanced Components 2) Tech Demo (Base Vehicle & Art of Possible)



QUESTIONS



“They should be asking why the richest nation on Earth could not have done more to help this small infantry unit spot the enemy ambush from the air and defeat them with overwhelming killing power. For Giunta's sake, please:

No more fair fights.”

What We Owe Americans Who Fight
By: Robert H. Scales, Paul Van Riper
The Washington Post, Nov 19, 2010